

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	55	((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 11:32
L2	2876	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.	USPAT; USOCR	OR	OFF	2006/06/12 11:31
L3	6565	(438/22,29,31-35,42-44,57-87,795, 796,798,799).CCLS.	USPAT; USOCR	OR	OFF	2006/06/12 11:32
L4	6	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 11:32
L5	0	1 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 11:32
L6	10	("4852567" "4929246" "5380318" "5507741" "5558666" "5755751" "5860967" "6102905" "6213998" "6235017").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:34
L7	1	("6537270").URPN.	USPAT	OR	OFF	2006/06/12 11:36
L8	0	((apparatus device system) AND shap\$5 AND remov\$5 AND material AND surface AND pulse\$1 AND laser AND scan\$5 AND chang\$3 AND distribution AND intensit\$3 AND cross\$7 AND microoptic\$5 AND (bell gaussian)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/12 11:46
L9	0	((apparatus device system) AND shap\$5 AND remov\$5 AND material AND surface AND pulse\$1 AND laser AND (scan\$5 mov\$5) AND chang\$3 AND distribution AND intensit\$3 AND cross\$7 AND microoptic\$5 AND (bell gaussian)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/12 11:47

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and microoptic\$4	USPAT	OR	ON	2003/01/31 15:02
S2	170	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and (laser near3 (cross adj section\$1))	USPAT	OR	ON	2002/05/09 16:41
S3	2	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and (bell adj shape\$2 WITH (cross adj section))	USPAT	OR	ON	2002/05/09 16:42
S4	151	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and gaussian	USPAT	OR	ON	2002/05/09 16:43
S5	1	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and (bell adj shape\$2 WITH (cross adj section))) and (((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and gaussian)	USPAT	OR	ON	2002/05/09 16:43
S6	34	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and (laser near3 (cross adj section\$1)) and (((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and gaussian)	USPAT	OR	ON	2002/05/09 16:43
S7	1	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and (bell adj shape\$2 WITH (cross adj section))) and (((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and gaussian)) and (((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and (laser near3 (cross adj section\$1))) and (((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and gaussian))	USPAT	OR	ON	2002/05/09 16:49
S8	2085	surface near2 ablat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/05/09 16:53
S9	30	((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 11:30

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S10	1	((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.) and (surface near2 ablat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/05/09 16:53
S11	41	((((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and (laser near3 (cross adj section\$1))) and (surface near2 ablat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/05/09 17:00
S12	1	("4838266").PN.	USPAT; USOCR	OR	OFF	2002/05/10 10:49
S13	2127	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.	USPAT; USOCR	OR	OFF	2002/05/10 10:56
S14	50	(LEsperance).in.	USPAT	OR	ON	2002/05/10 11:00
S15	24	((((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and ((LEsperance).in.))	USPAT	OR	ON	2002/05/10 11:01
S16	3724	marshall.in.	USPAT	OR	ON	2002/05/10 11:01
S17	6	((((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and marshall.in.)	USPAT	OR	ON	2002/05/13 11:46
S18	2250	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.	USPAT; USOCR	OR	OFF	2003/01/31 15:02
S19	4	((((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and microoptic\$4	USPAT	OR	ON	2003/01/31 15:05
S20	4	microoptic\$4 same (active same structure\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:19
S21	36	(microoptic\$4 microlense\$1) same (active same structure\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:23
S22	0	((((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and (((microoptic\$4 microlense\$1) same (active same structure\$1)) not (microoptic\$4 same (active same structure\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/01/31 15:09
S23	32	((microoptic\$4 microlense\$1) same (active same structure\$1)) not (microoptic\$4 same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/01/31 15:09

EAST Search History

S24	16	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and microlense\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/01/31 15:17
S25	540	(microoptic\$4 microlense\$1) same structure\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/01/31 15:37
S26	4	(((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and ((microoptic\$4 microlense\$1) same structure\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/01/31 15:37
S27	2491	((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.	USPAT; USOCR	OR	OFF	2006/06/12 11:31
S28	4896	(438/22,29,31-35,42-44,57-87,795, 796,798,799).CCLS.	USPAT; USOCR	OR	OFF	2006/06/12 11:31
S29	6563	micromachining	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:16
S30	49	((438/22,29,31-35,42-44,57-87,795, 796,798,799).CCLS.) and micromachining	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:16
S31	17	(((606/4-6,9,10-13,17,18) or (219/121.73-121.75)).CCLS.) and micromachining	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:16
S32	41	((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:17
S33	0	((438/22,29,31-35,42-44,57-87,795, 796,798,799).CCLS.) and (((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:17
S34	0	micromachining and (((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:17

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S35	5	((606/4-6,9,10-13,17,18) or (219/121.73-121.75).CCLS.) and (((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:17
S36	6	microoptic\$4 same (active same structure\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:19
S37	0	((606/4-6,9,10-13,17,18) or (219/121.73-121.75).CCLS.) and (microoptic\$4 same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:19
S38	1	((438/22,29,31-35,42-44,57-87,795, 796,798,799).CCLS.) and (microoptic\$4 same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:22
S39	0	micromachining and (microoptic\$4 same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:22
S40	0	(((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.) and (microoptic\$4 same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:22
S41	83	(microoptic\$4 microlense\$1 (micro adj (lens\$1 optic\$1))) same (active same structure\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:24
S42	2	((606/4-6,9,10-13,17,18) or (219/121.73-121.75).CCLS.) and ((microoptic\$4 microlense\$1 (micro adj (lens\$1 optic\$1))) same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:28
S43	4	((438/22,29,31-35,42-44,57-87,795, 796,798,799).CCLS.) and ((microoptic\$4 microlense\$1 (micro adj (lens\$1 optic\$1))) same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:24

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S44	2	((Goder near claud) or (thomas near hollerbach) or (juergen near kuehnert) or (eckhard near schroeder)).in.) and ((microoptic\$4 microlense\$1 (micro adj (lens\$1 optic\$1))) same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:28
S45	10	micromachining and ((microoptic\$4 microlense\$1 (micro adj (lens\$1 optic\$1))) same (active same structure\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 19:36
S53	2	("6537270") or ("5463200").PN.	USPAT	OR	OFF	2005/08/15 17:31
S54	3	("6537270") or ("5463200") or ("4911711").PN.	USPAT	OR	OFF	2005/08/15 17:32
S55	34	(US-4911711-\$ or US-4941093-\$ or US-5061342-\$ or US-5146917-\$ or US-5188631-\$ or US-5219343-\$ or US-5284477-\$ or US-5312320-\$ or US-5336216-\$ or US-5350374-\$ or US-5423801-\$ or US-5463200-\$ or US-5475197-\$ or US-5550373-\$ or US-5582752-\$ or US-5800424-\$ or US-5906608-\$ or US-6056739-\$ or US-6067312-\$ or US-6086204-\$ or US-6090100-\$ or US-6120725-\$ or US-6136012-\$ or US-6210401-\$ or US-6280435-\$ or US-6285001-\$). did. or (US-6302877-\$ or US-6312424-\$ or US-6331177-\$ or US-6537270-\$ or US-6623477-\$ or US-6671095-\$ or US-6682524-\$). did. or (US-4652092-\$ or US-5000751-\$ or WO-9920429-\$). did.	USPAT; EPO	OR	ON	2005/08/15 17:57
S56	11	S55 and gaussian	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 17:57
S57	2	("5087095").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:28
S58	2	("5466248").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:28

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S59	2	("4835400").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:29
S60	14	(("4,835,400") or ("4,846,525") or ("5,086,769") or ("5,087,095") or ("5,466,248") or ("5,947,561") or ("5,975,630")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 14:29
S61	7	(("4,835,400") or ("4,846,525") or ("5,086,769") or ("5,087,095") or ("5,466,248") or ("5,947,561") or ("5,975,630")).PN.	USPAT	OR	OFF	2005/08/16 16:30
S62	2	(("5372595") or ("5259380")).PN.	USPAT	OR	OFF	2005/08/16 16:31
S63	1	microoptic\$5 same (gaussian same distribution)	USPAT	OR	OFF	2005/12/11 17:06
S64	15	(ghang\$5 ulter\$5 modif\$5) same (energy adj distribution\$1) same gaussian	USPAT	OR	OFF	2005/12/11 17:14
S65	0	S64 and microoptic\$5	USPAT	OR	OFF	2005/12/11 17:15
S66	255	(ghang\$5 ulter\$5 modif\$5) same (energy adj distribution\$1)	USPAT	OR	OFF	2005/12/11 17:14
S67	3	S66 and microoptic\$5	USPAT	OR	OFF	2005/12/11 17:15

	1	Document ID	Title	Current OR
1	X	US 5906608 A	Ablation apparatus	606/5
2	X	US 5336216 A	Apparatus for delivering a defocused laser beam having a sharp-edged cross-section	606/4
3	X	US 5350374 A	Topography feedback control system for photoablation	606/5
4	X	US 6280435 B1	Method and systems for laser treatment of presbyopia using offset imaging	606/5
5	X	US 6210401 B1	Method of, and apparatus for, surgery of the cornea	606/12
6	X	US 4911711 A	Sculpture apparatus for correcting curvature of the cornea	606/5
7	X	US 6537270 B1	Medical hand piece for a laser radiation source	606/17
8	X	US 5463200 A	Marking of a workpiece by light energy	219/121.68
9	X	US 4652092 A	Neodymium-YAG laser, for ophthalmological treatment	
10	X	US 5423801 A	Laser corneal surgery	606/5
11	X	US 5800424 A	Apparatus for use in operating upon a cornea	606/4
12	X	US 6067312 A	Method for production of a DFB laser diode having a coupled optical waveguide and a DFB laser diode layer structure	372/96
13	X	US 6285001 B1	Method and apparatus for step and repeat exposures	219/121.72
14	X	US 5475197 A	Process and apparatus for the ablation of a surface	219/121.69
15	X	WO 9920429 A1	OBJECT FIGURING DEVICE	
16	X	US 5312320 A	Apparatus for performing ophthalmological surgery	606/5
17	X	US 5061342 A	Target domain profiling of target optical surfaces using excimer laser photoablation	216/26

	Inventor
1	Sumiya; Toshifumi et al.
2	Dewey; David A.
3	Smith; Robert F.
4	Odrich; Marc et al.
5	Lai; Shui T.
6	Telfair; William B. et al.
7	Elbrecht; Jens et al.
8	James; Douglas J. et al.
9	SCHROEDER, ECKHARD et al.
10	Marshall; John et al.
11	Sumiya; Toshifumi
12	Matz; Richard et al.
13	Fleming; Patrick R. et al.
14	Wrobel; Walter et al.
15	GODER, CLAUS et al.
16	L'Esperance, Jr.; Francis A.
17	Jones; William F.

	1	Document ID	Title	Current OR
18	X	US 6086204 A	Methods and devices to design and fabricate surfaces on contact lenses and on corneal tissue that correct the eye's optical aberrations	351/212
19	X	US 6136012 A	Apparatus for operation on a cornea	606/166
20	X	US 6090100 A	Excimer laser system for correction of vision with reduced thermal effects	606/5
21	X	US 5284477 A	Device for correcting the shape of an object by laser treatment	606/5
22	X	US 6302877 B1	Apparatus and method for performing presbyopia corrective surgery	606/5
23	X	US 5188631 A	Method for ophthalmological surgery	606/5
24	X	US 5000751 A	Apparatus for laser surgery and particularly for the keratotomy of the cornea (III)	
25	X	US 6331177 B1	Multiple beam laser sculpting system and method	606/5
26	X	US 6623477 B1	Medical instrument for phacoemulsification	606/6
27	X	US 6056739 A	Profiling the intensity distribution of optical beams	606/5
28	X	US 4941093 A	Surface erosion using lasers	606/5
29	X	US 6682524 B1	Dermatological hand piece	606/9
30	X	US 6312424 B1	Method of vision correction	606/5
31	X	US 5582752 A	Method and apparatus for applying laser beams to a working surface, particularly for ablating tissue	219/121.85
32	X	US 5550373 A	Fabry-Perot micro filter-detector	250/338.1
33	X	US 6120725 A	Method of forming a complex profile of uneven depressions in the surface of a workpiece by energy beam ablation	264/400

	Inventor
18	Magnante; Peter C.
19	Chayet; Arturo S. et al.
20	Hohla; Kristian
21	Hanna; Khalil et al.
22	Ruiz; Luis Antonio
23	L'Esperance, Jr.; Francis A.
24	SCHROEDER, ECKHARD et al.
25	Munnerlyn; Audrey et al.
26	Elbrecht; Jens et al.
27	Klopotek; Peter J.
28	Marshall; John et al.
29	Elbrecht; Jens et al.
30	Largent; James R.
31	Zair; Eliezer
32	Cole; Barrett E. et al.
33	Asahi; Nobuyuki et al.

	1	Document ID	Title	Current OR
34	X	US 5146917 A	Fibre-optic apparatus for the photodynamic treatment of tumors	607/89
35	X	US 5219343 A	Apparatus for performing ophthalmological surgery	606/5
36	X	US 6671095 B2	Micro relief element and preparation thereof	359/569
37	X	US 5986788 A	Microoptical system for free-space optical interconnection and its setting method	398/118
38	X	US 5084883 A	Laser scanning system for use in laser imaging	372/24
39	X	US 5204773 A	Ultraviolet light filter and filter system	359/361
40	X	US 3699334 A	APPARATUS USING A BEAM OF POSITIVE IONS FOR CONTROLLED EROSION OF SURFACES	250/492.2
41	X	US 5231624 A	System and method using a reduced profile light beam for high density recording on optical media	369/116

	Inventor
34	Wagnieres; Georges et al.
35	L'Esperance, Jr.; Francis A.
36	Summersgill; Philip et al.
37	Sasaki; Hironori et al.
38	Khalid; Najeeb A. et al.
39	Guida; Renato
40	Cohen; Murray F. et al.
41	Finegan; Joel D.